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Introduction

Thank you for purchasing Monitor Audio Silver RS loudspeakers, which have been designed and constructed using quality systems and materials to provide years of enjoyment, reliability and pride of ownership.

Our speakers are hand crafted from top to bottom using traditional woodworking skills for our sumptuous cabinets, married with the state of the art technology of our renowned drive units.

Music is and should be a natural enhancement of life. It stimulates the imagination, changes your mood, helps you relax, and provides endless hours of entertainment.

At Monitor Audio we pride ourselves in attempting to make the listening experience as close as possible to the original 'music' production, or as we say at Monitor Audio our aim is to make the music experience "As close as it gets".

Please read through this manual to familiarize yourself with any safety advice and how best to set up your speakers to achieve the very best listening experience.

Your Silver RS loudspeakers come complete with grilles (all products), plinths and spikes (RS5, RS6 and RS8 only). In with the RS LCR, you will find four self adhesive rubber pads that can be placed on the bottom of the cabinet to protect it against scratches and also to prevent vibrations moving it. There are also foam port bungs with each speaker. Suggestions on use can be found below. The RS FX comes with a wall fixing kit including all of the parts to secure them to a wall.

The RS1, RS5 and RS LCR are rear ported cabinet designs. Because of this design, we recommend that when fixing the loudspeakers to a wall that the port bungs are used. This may also apply when they are positioned very close to a rear/side wall.

The RS6 and RS8 are both designed using two port tubes (per loudspeaker). One is on the front of the cabinet; the other is on the rear. These ports should not need to be blocked if you are using your loudspeaker in a room greater than about 9m². However, if you cannot implement the ideal speaker positioning, then experiment using the port bungs. First start by fitting them in the rear port, then the front, and then both to see which configuration is best suited to your personal tastes and room constraints.

The port bungs are another way of fine-tuning the loudspeaker to fit in sonically in your home environment.



WARNING: Care must be taken not to insert the port bungs too far into the port as this may result in the foam bung being lost inside the cabinet.

Safety Instructions

Read Instructions

Please read and follow all of the instructions in this manual before enjoying you loudspeakers.



Any instructions proceeded by this warning triangle MUST be followed. Failure to do so may cause personal injury or damage the speakers

Water & Moisture



The loudspeakers should not be used near water - for example, bathtub, washbowl, kitchen sink, washing machine, in a wet basement or near a swimming pool. Under no circumstance should plants or fish bowls be placed on the products.

Heat

The speaker/s should not be placed near any heat source such as radiators, open fires, stoves, direct sunlight and any other appliance that produces heat.



These speakers are designed for use within the home environment. Exposure to extreme temperatures & humidity when placed on patios or open conditions could adversely affect the wooden cabinet.

4. Cleaning

Great care and attention has gone into the materials chosen to produce the Silver RS loudspeakers. It is our intention that they should provide a lifetime of musical pleasure. A gentle wipe with a dry, clean cloth is all that is required to remove any dust. Treat them as you would a fine piece of furniture because that is how they have been designed. Avoid touching the loudspeaker's drive units whilst cleaning, as any damage will impair their performance.

5. Re-cycling

When it is time to replace this product please help us protect the environment by disposing of it in an appropriate and responsible manner.

Further details are available from www.monitoraudio.co.uk

Natural wood veneers.

Monitor Audio takes great pride in providing a high quality product. We use only hand selected natural wood veneers, which are carefully matched and hand finished to the highest standard possible. The unique nature of each veneer may result in natural colour variation and grain from samples you may have seen in photos or at the dealer's show room. This is what makes the product a special piece of furniture. If your speaker is finished in a Cherry veneer please be aware that it will naturally darken with age more so than other types of wood veneer.

Please retain this manual for future reference.

Don't be fooled by the size. The most compact loudspeaker of the Silver RS range delivers a sound that's anything but small, rivalling far more costly 'compact monitors' for bass extension, mid-range resolution and precise imaging within a stunningly open soundstage. Allied with 'figure 8' cross-bracing to reduce cabinet resonance an excellent stand mount loudspeaker has been created.

Because the RS1 offers great performance from a small speaker, it lends itself to a wide range of positioning options. The RS1 will perform equally well no matter how it is positioned. The RS1 can be placed on a stand, or a bookshelf.

To remove the grille, carefully prise it away from each cabinet section at a time. There are two sets of fixing points on this product. One above the drive unit, the other below it. Refitting is the opposite of removing. Ensure it is correctly orientated.

Frequency Response (Crossover Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling RMS (W)	Recommended Amplifier power output. (W)RMS
43Hz –30KHz) (3.3KHz)	90dB	6	80	25 – 100

Drive Unit Complement	Cabinet Design	Product External Dimensions Inc Grille and Terminals. cm (inch)	Weight Kg (lb)	Finishes
1 x 6" C-CAM® Bass mid-range. 1 x 25mm Gold Dome C-CAM® tweeter.	Rear ported, bass reflex	31H x 18.5W x 28D (12 ³ / ₁₆ " x 7 1/4" x 11")	6 (13.2)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer. All fitted with Black Grille

The new Silver RS5 is the smallest floor stander in the new Silver RS Series, and the classically simple two-way layout ensures a beautifully clean appearance. It's slim cabinet design and resulting small footprint ensue versatility for any environment. The RS5 fuses elegant, space efficient design with a powerful sonic performance.

To remove the grille, carefully prise it away from each cabinet section at a time. There are two sets of fixing points on this product; one above the drive unit, the other below it. Refitting is the opposite of removing. Ensure it is correctly orientated.

To safely fit the plinth and spikes please refer to pages 12 and 13.

Frequency Response (Cross over Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling (W) RMS	Recommended Amplifier power output. (W)RMS
40Hz –30KHz (3.3KHz)	90dB	6	100	40 – 100

Drive Unit Complement	Cabinet Design	Product External Dimensions. cm (inch)	Plinth Dimensions (foot print) cm (inch)	Weight Kg (lb)	Finishes
1 x 6" C-CAM [®] Bass/ mid-range. 1 x 25mm Gold Dome C-CAM [®] tweeter.	Rear ported, bass reflex	80H x 18.5W x 22D (31 ½ " x 7 ¼ " x 8 ¹¹ / ₁₆ ")	2.5H x 25.5W x 27D (1" x 10" x 10 ⁵ / ₈ ")	11.7Kg (25.7lb)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer. All fitted with Black Grille

A svelte 2 ½ way floor-stander, the RS6 builds on the considerable musical strengths of the RS1 and RS5 by providing greater bass extension and weight. Rigid construction is again key to achieving the clean, un-boxy sound. The RS6 employs multiple bracing positioned at critical resonance nodes. The two 6 inch C-CAM® drivers have been designed specifically for the RS6. The lower unit handles bass only, the other provides punchy upper bass and a clear, natural mid-band right up to the crossover point with the tweeter at 3KHz. The RS6 has a reflex port at the rear as well as the front. This is to provide maximum airflow at low frequencies and reduces air pressure that can lead to bass compression effects.

To remove the grille, carefully prise it away from the cabinet sections at a time. There are three sets of fixing points on this product. One above the mid-bass drive unit, one below it and the third below the bass drive unit. Refitting is the opposite of removing. Ensure it is correctly orientated.

To safely fit the plinth and spikes please refer to pages 12 and 13.

Frequency Response (Cross over Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling (W) RMS	Recommended Amplifier power output. (W)RMS
38Hz –30KHz (3KHz)	91dB	6	120	40 – 120

Drive Unit Complement	Cabinet Design	Product External Dimensions. cm (inch)	Plinth Dimensions (foot print) cm (inch)	Weight Kg (lb)	Finishes
1 x 6" C-CAM® Bass, 1 x 6" C- CAM® Bass/ mid- range. 1 x 25mm Gold Dome C- CAM® tweeter.	Front & rear ported, bass reflex	85H x 18.5W x 25D (33 ⁷ / ₁₆ " x 7 ½ " x 9 ¹³ / ₁₆ ")	2.5H x 25.5W x 30.5D (1" x 10" x 12")	18Kg (40)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer. All fitted with Black Grille

Silver RS8 is the new 2 $\frac{1}{2}$ way floor-standing flagship model of the range and builds on the considerable musical strengths of the smaller Silver RS6 by providing a still wider bandwidth, high power handling, greater efficiency and more effortlessly realised dynamics.

Rigid construction achieves a clean, un-boxy sound. The RS8 employs multiple bracing positioned at critical resonance nodes. Its slim proportions and detailing positively contribute to sound quality by reducing diffraction effects.

The Silver RS8 utilises three 6 inch C-CAM® drivers. The lower two units handle bass only, the upper unit provides punchy upper bass and a clear, natural midband right up to the crossover point with the tweeter at 3KHz.

To remove the grille, carefully prise it away from the cabinet sections at a time. There are four sets of fixing points on this product. One above the mid-bass drive unit, one below it, the third is above the bass drive unit, with the fourth being below it. Refitting is the opposite of removing. Ensure it is correctly orientated.

To safely fit the plinth and spikes please refer to pages 12 and 13.

Frequency Response (cross over Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling RMS (W)	Recommended Amplifier power output. (W) RMS
33Hz – 30KHz (3 KHz)	91dB	6	175	40 - 175

Drive Unit Complement	Cabinet Design	Product External Dimensions. cm (inch)	Plinth Dimensions (foot print) cm (inch)	Weight Kg (lb)	Finishes
2 x 6" C-CAM® Bass Drivers, 1x 6" C-CAM® Mid-range Driver. 1 x 25mm C- CAM® Gold Dome tweeter.	Balanced velocity twin reflex ported.		2.5H x 25.5W x 32.5D (1" x 10" x 12 ¹³ / ₁₆ ")	21 (46.2)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer. All fitted with Black Grille

Your Silver RS LCR

The Silver RS LCR is the vital aesthetic and sonic link in any Silver RS home cinema or multi-channel music system, bringing extra solidity, depth and realism to the front soundstage, especially with dialogue. It can be used as a centre speaker or as a traditional left or right speaker when placed upright. Due to the design of the crossover, if using your RS LCR as a left or right main speaker, we would recommend orientating it so that the port tube is upper most on the crossover panel. This ensures that the lower bass unit handles all of the bass, and the upper bass unit handles the mid-bass. For information on wiring and system configurations, please refer to pages 13, 14 and 15.

Recognising that the centre is often the hardest working speaker in an A/V system, it needs to handle every kind of situation within a movie soundtrack, from a big explosion, to a detailed piece of vocals. With this in mind, the new Silver RS LCR has been designed with two 6inch C-CAM® bass/mid drivers that hand over to the C-CAM® tweeter at 2.9 KHz.

A special crossover network ensures an excellent vertical and horizontal off axis frequency response, eliminating the need for a 'hot seat' listening position and integrating smoothly with the rest of the Silver RS range in a home theatre setup.

To remove the grille, carefully prise it away from the cabinet sections at a time. There are two sets of fixing points on this product. One at each end of the cabinet. Refitting is the opposite of removing.

Frequency Response (Crossover Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling RMS (W)	Recommended Amplifier power output. (W)RMS
45Hz-30KHz (2.9KHz)	91dB	6	120	40-120

Drive Unit Complement	Cabinet Design	Product External Dimensions Inc Grille and Terminals. cm (inch)	Weight (packed) Kg (lb)	Finishes
2 x 6" C-CAM® Bass mid-range, 1 x 25mm Gold Dome C-CAM® tweeter.	Reflex Ported	18.5H x 50W x 24D (7 9/32" x 19 11/16" x 9 7/16")	8.5 (18.7)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer, also video silver. All fitted with Black Grille

Froguency

Designed as part of the Silver RS home theatre system, the RS FX surround speaker combines amazing performance with modern, discreet design that can be flush mounted on a wall using the enclosed wall brackets. The attractive curved grille and end caps conceal a rigid angular cabinet construction along with Monitor Audio's renowned and highly acclaimed C-CAM® driver technology and C-CAM® tweeters.

By using low slope linear phase crossover design, Monitor Audio has engineered the Silver RS FX to have seamless integration and almost perfect 180-degree dispersion characteristics. Whilst the bass driver always operates in phase, the tweeter section can be configured to operate as a bi-pole or di-pole, which means the Silver RS FX, can just as easily be used on sidewalls in a more advanced 7.1 system.

Please note, if used in a 7.1 channel system, the RS FX's are left and right handed. This is indicated on the terminal panel on the back of the product.

To remove the grille, carefully slide it around the cabinet. Refitting is the opposite of removal. The grille cannot be removed with the cabinet secured to the wall.

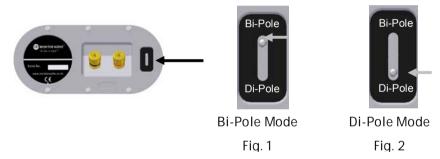
Response (Crossover Frequency)	Sensitivity (1W@1m)	Nominal Impedance (Ohms)	Power Handling RMS (W)	Recommended Amplifier power output.
60 Hz-30 KHz (2.2KHz)	89 dB	6	100	10-100W
Drive Unit	Cabinet	Product External Dimensions Inc Grille	Weight	Finish o

Drive Unit Complement	Cabinet Design	Dimensions Inc Grille and Terminals. cm (inch)	Weight Kg (Ib)	Finishes
1 x 6" C-CAM® bass/midrange driver, 2 x 25mm Gold dome C-CAM® tweeters.	Sealed Cabinet	28.5H x 29W x 13D (11 1/4" x 11 7/16" x 5 7/32")	4 (8.8)	Black Oak, Rosenut, Walnut, Natural Oak or Cherry real wood veneer, end caps. All fitted with Black Grille

Connecting your Silver RS FX

The Silver RS FX's are supplied as right hand or left hand units and both can be configured to either bi-pole or di-pole. The factory setting is bi-pole as illustrated in fig. 1 below.

In bi-pole mode, all speaker units (mid/bass unit and tweeters) are in phase. This feature is for when the RS FX is set up as a rear/surround speaker in a typical 5.1 channel system. In di-pole mode, one of the HF units (tweeter) is out of phase with the other tweeter and mid/bass unit. It is best to implement this configuration when using the RS FX as part of a 7.1 channel system, with the RS FX's taking up positions on the sidewalls. Please note that the RS FX's are left and right handed. This is not an issue when used in bi-pole mode as a rear surround speaker. It is essential that they are positioned correctly if used in a 7.1 channel system. Please refer to the positioning section on page 15, or go to our web site at www.monitoraudio.co.uk. Alternative suggestions may also be found in your AV amplifier/receiver manual.



Before changing your RS FX's from bi-pole mode to di-pole mode, please ensure that the speaker wires are disconnected from your loudspeakers. This helps to protect your amplifier.

To change from bi-pole, to di-pole mode, the toggle switch on the crossover panel needs to be moved from its factory set position (fig. 1) to the di-pole position (fig. 2).

Please note that it is not possible to connect these speakers independently by bi-amping.

Fixing Your RS FX to a Wall



CAUTION: You will need to determine where the RS FX will be fixed and the structure of the wall. For safety reasons, if you are unsure of your ability to provide a secure and safe fixing, do not attempt to fix these speakers to your wall, please obtain the services of a competent qualified tradesperson.



CAUTION: Ensure that there are no water pipes or electricity cables running behind where the wall brackets are going to be secured. Work from secure steps and avoid trailing wires.

To fix your RS FX's to the wall, follow these simple instructions. We would recommend using the wall fixing template enclosed within the packaging carton:

- 1. When you are sure of the location of your RS FX, mark on the wall the centres of the securing screws. These should be 220mm (8 $^{11}/_{16}$ ") apart.
- 2a. For fixing to plasterboard (sheet-rock) or a solid wall use a suitable 6.5mm (1/4") drill bit. Drill the two positions (each speaker) deep enough to accept the enclosed wall plugs. This should be 30mm (1 3/16"). Insert the wall plugs and screw the provided 33mm (1 5/16") screws into the wall. Remember to leave the screws protruding approximately 1mm (1/32") (excluding the head of the screw) to hang the RS FX on.
- 2b. For fixing to a timber wall, drill a pilot hole (approx 2mm or $^{1}/_{16}$ ") and screw the 33mm (1 $^{5}/_{16}$ ") screws into the pilot hole. Remember to leave the screws protruding approximately 1mm ($^{1}/_{32}$ ") (excluding the head of the screw) to hang the RS FX on.

Both the key-hole bracket and the rubber adhesive pads can be seen in the photograph to the right.

3. Hang your RS FX on to the screws and sit back and enjoy.

For recommendations on where to hang your RS FX please refer to the FAQ's on our web site: www.monitoraudio.co.uk



Adhesive Rubber Pads

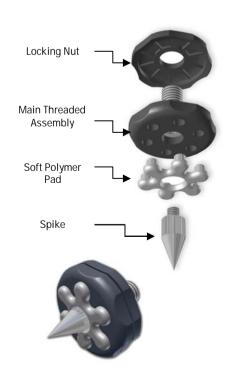
Plinth Fixing (Silver RS5, RS6 & RS8 only)

The Silver RS5, RS6 & RS8's have been fitted with M10 threaded inserts in the bottom of the cabinet. These will accept the enclosed cabinet specific plinths. They can be fitted using the enclosed M10 bolts.

Before you fit the plinth ensure the floor area is clear of any hard/sharp objects. To fit the plinth all you need to do is turn the cabinet over so that the bottom is facing up. Then, place your plinth onto the cabinet ensuring that plinth is orientated correctly and line up the bolt holes in the plinth with the inserts in the cabinet. Then take your M10 bolts and secure the plinth to the cabinet. Tighten them up gradually and ensure the plinth is fitted securely to the cabinet. Fit the feet to the cabinet before turning the loudspeaker back over. Please read the instructions below. The spikes are used to improve sound quality and bass performance

<u>Spiked Foot Fixing For Carpeted Floors</u> (Silver RS5, RS6 & RS8 only)

The amazingly engineered composite Silver RS spiked foot encorporates a spike for use on carpeted floors and also, a soft polymer pad (for use on wooden or tiled floors).





Please ensure there are no hidden wires under the carpet that could be damaged by the spikes.

The foot comes fully assembled for use on carpeted floors. All that is required is fixing into the plinth. This is achieved by simply screwing the feet fully into the 4-threaded insert in the underside of the plinth. If your carpet has a very thick pile, remove the soft polymer pad from the foot to ensure the spike goes right through the carpet into the floor. With great care turn your cabinet the right way up. Place the cabinet in your desired location, and check that it is level on all sides. If it is slightly off level, unscrew the spike at the lowest point and check again. Continue this process until the cabinet is fully level. Use the locking nut on the foot to fix the foot in place and to stop any unwanted vibrations.

Spiked Foot Fixing For Wooden/Hard Floors (Silver RS5, RS6 & RS8 only)



For use on solid floors or where spikes are inappropriate, it is possible to use the foot without the spike insert. To use the foot in this manner carefully grip the knurled portion of the spike and rotate anticlockwise to unscrew the spike fully.

You may find it easier to first remove the polymer pad so as to gain more purchase on the spike.

The pad should be replaced before carrying out the levelling operation previously described.

Connecting Your Silver RS Loudspeakers

You will notice that when you unpack your loudspeakers, there are plastic terminal caps in the terminals where the speaker cable connectors should go. These can be simply removed by placing a thin, flat object underneath them and carefully levering them free.

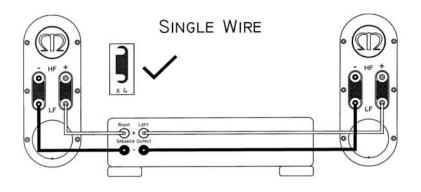
All of the Silver RS Series loudspeakers (except the RS FX, see page 9) can be either single or bi-wired/bi-amp. Monitor Audio always recommends bi-wiring your loudspeakers for improved sound quality. You will also need to run your speakers in for approximately 60 hours before they perform at their optimum capability.

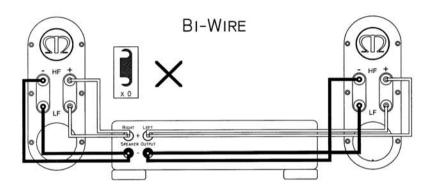


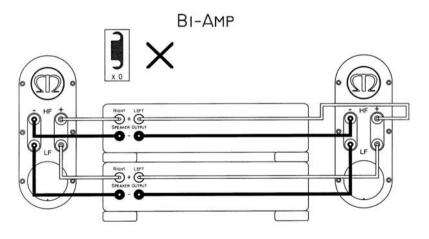
If you are going to be connecting your speakers in a bi-wire, or bi amp format, please remove the terminal links. Do this by unscrewing the red and black terminals slightly and removing the link. Connect the speaker as in the illustrations on page 14.

You can also bi-amp your loudspeakers. This is carried out in the same way as bi-wiring except instead of using one amplifier to power all of the drive units/tweeter in the speaker; you are using one amplifier to drive the treble (tweeter) and the other amplifier to drive the mid/bass sections. If you are intending to do this, please consult your local hi-fi dealer for their recommendations for amplifier rating.

We recommend the use of our Pureflow® loudspeaker cable to get the best from your speakers. Further information can be found at www.monitoraudio.co.uk







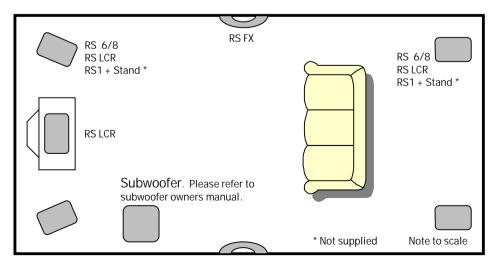
Positioning

The positioning of your loudspeakers for a two channel, stereo system very much depends on your listening environment. Ideally you would place your speakers 2-3m (6 -10 ft) apart in the middle of your back wall and you would sit approximately 2m away. However if this is not possible there are some other simple recommendations that we would suggest.

Start by playing some different pieces of music that are familiar to you. If you have a rear ported speaker (RS1/6/8 & LCR) try not to place them too close to the wall. If they are too close you will find that the bass is very prominent. Start by placing them about 20cm (8") from the wall. If you find there is too much bass place them further away from the wall. If, on the other hand, you find there isn't enough bass for your liking, place them slightly closer to the wall. The same applies with placing you loudspeakers next to a side-wall. If possible do not place your loudspeakers any closer than 50cm (20") to your side-wall.

Try varying the distance that your loudspeakers are apart from each other. If they are placed too close together, this will result in poor stereo imaging. This is when sound moves from left to right or right to left. For example a car in a movie sound track. Equally, if they are placed too far apart, there may be a large gap in the sound reproduction/stereo imaging. When listening to music through your speakers, if you have them set up correctly, you shouldn't notice that the speakers are even there, the music should sound as if it is coming from the centre of the two speakers.

For the positioning of a multi channel home cinema system, please refer to your AV amplifier/receiver manual.



Guarantee and Service

Valid upon completion of the incorporated warranty card and its return within 30 days of purchase.

This equipment has been fully tested prior to dispatch from the factory. Both the craftsmanship and the performance of this product is guaranteed against manufacturing defects for the period of three years from the date of purchase (see conditions below), provided that the product was supplied by an authorised Monitor Audio retailer under the consumer sale agreement. (The words 'consumer sale' shall be construed in accordance with section 15 of the supply of goods act 1973). Monitor Audio accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, modification or operation outside of that specified within this instruction manual. Neither will responsibility be accepted for damage or loss occurring during transit to or from the parties claiming under this guarantee.

This guarantee covers both labour and parts. The liability of Monitor Audio is limited to the cost of repair or replacement of the defective parts (at the discretion of Monitor Audio) and under no circumstances extends to consequential losses or damage.

Claims under this Guarantee

The equipment should be returned in its original packaging to the original supplier where possible, or to any other authorised Monitor Audio dealer. If it is not possible to return the equipment by hand, then it should be sent carriage prepaid via a reputable carrier. If the original packing is not available replacement packaging can be purchased from Monitor Audio. If you have any difficulties complying with these requirements please contact us at the following address:

Customer Service Monitor Audio Ltd. Unit 2, 24 Brook Road Rayleigh Essex SS6 7XL England Tel: 44 (0) 1268 740580

Fax: 44 (0) 1268 740589

Internet: www.monitoraudio.co.uk

Fmail: info@monitoraudio.co.uk

This guarantee does not affect the statutory rights of the consumer under UK law.

Data Protection

We at Monitor Audio are committed to respecting the wishes and privacy of our customers. Any information you provide will be held in the strictest confidence and only used within the Monitor Audio organisation for the provision of services such as warranty claims or spare parts.

We may wish to contact you in the future to ensure you are happy with the products and standards of service we provide and to keep you up-to-date with the latest products and promotions we have to offer.

Should you wish not to be contacted by us either by post, e-mail or phone, please tick the box on the warranty card. Alternatively you can request not to be contacted in future by writing to Customer Service, at the address on the previous page.

Owner Information

Product Details

Model Serial No
Date of Purchase
Dealer Details
Dealer Name
Address
Town, Post code, Country
e-mail address

Monitor Audio reserves the right to alter specifications without notice.